CLAIMS:

1. A countercurrent heat exchanger comprising:

a pair of heat exchanger cores having multiple tubes and fins which are arranged alternatively, the heat changer cores being arranged next to each other in a depth direction thereof:

a U-turn intermediate tank connected with one end sides of the tubes contained in the heat exchanger cores;

an inflow-side tank connected with the other end sides of the tubes contained in one of the heat exchanger cores; and

an outflow-side tank formed to be separated from the inflow-side tank, the outflow-side tank being connected with the other end sides of the tubes contained in the other of the heat exchanger cores, wherein

the inflow-side tank, the outflow-side tank and the intermediate tank are attached to a vehicle body side so that the both heat exchanger cores can expand and contract independently from each other with respect to the intermediate tank.

2. The countercurrent heat exchanger of claim 1, wherein

the inflow-side tank and the outflow-side tank are provided at both end

portions thereof with brackets for attaching the inflow-side tank and the outflow-side tank to the vehicle body side, and

each of the brackets are attached to the vehicle body side by bolts so that the bracket can rotate around the bolts relative to both longitudinally-directional end portions of the inflow-side tank and the outflow-side tank.

3. The countercurrent heat exchanger of claim 1, wherein

the inflow-side tank and the outflow-side tank are provided at both end portions thereof with brackets for attaching the inflow-side tank and the outflow-side tank to the vehicle body side, each of the brackets being formed with an elongate hole, and

the inflow-side tank and the outflow tank are attached to the vehicle body side by inserting a bolt into the elongate hole so that the inflow-side tank and the outflow tank can move relative to the vehicle body side.

4. The countercurrent heat exchanger of any one of claims 1 to 3, wherein

the intermediate tank is mounted on the vehicle body side through an elastically supporting member.